

Converting Colors

XYZ(56.3922, 62.6069, 93.3147)

Have a look what the booklet for
XYZ(56.3922, 62.6069, 93.3147)
contains.

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Color

**XYZ(56.3988, 62.5454,
93.1043)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD5F2
RGB	170, 213, 242
RGB Percent	67%, 84%, 95%
CMY	0.3333, 0.1647, 0.0510
CMYK	0.30, 0.12, 0.00, 0.05
HSL	204°, 73%, 81%
HSV	204°, 30%, 95%
XYZ	56.3988, 62.5454, 93.1043
YIQ	203.4490, -34.9370, -0.0970

Conversions

Conversions Part 2

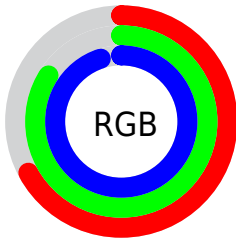
Format	Color
R _{YB}	170, 197, 242
Decimal	11195890
CIE _{Lab}	83.20, -7.44, -18.79
CIE _{LCh}	83, 20.210, 248.405
Yxy	62.5454, 0.2660, 0.2950
Android (android.graphics.Color)	4289385970 (0xFFAAD5F2)
YUV	203.4490, 19.0056, -29.3348
Hunter-Lab	79.0856, -11.1052, -14.4397

Details

The XYZ color **56.3988, 62.5454, 93.1043** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.2978, 62.6268, 46.7310**, and the grayscale version is **56.9485, 59.9142, 65.2466**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **28.2922, 31.7119, 51.0842** is the 20% darker color. If you saturate the color by 10%, you get **49.2631, 55.3375, 92.0902**, and if you desaturate by 10%, it is **64.6486, 70.5494, 94.2155**.

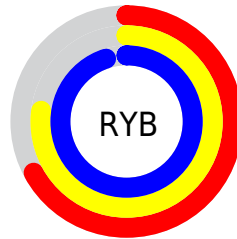
Distribution



Red (67%)

Green (84%)

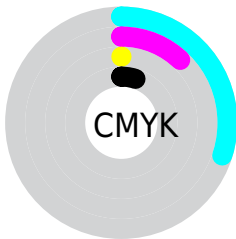
Blue (95%)



Red (67%)

Yellow (77%)

Blue (95%)

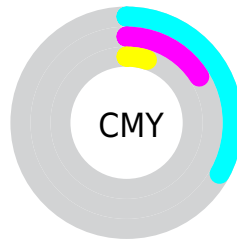


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3988, 62.5454, 93.1043 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.3988, 62.5454, 93.1043 by changing the saturation by 10% instead.

■ 56.3988, 62.5454,
93.1043

■ 56.3988, 62.5454,
93.1043

401.2434,
433.9178, 558.9067

■ 40.7610, 45.4735,
69.9700

■ 98.7239, 108.5134,
153.6160

■ 28.3192, 31.8306,
51.0255

126.1418,
138.1783, 191.8305

■ 18.7081, 21.2321,
35.8520

158.2173,
172.8097, 235.9088

■ 11.5623, 13.2938,
24.0311

195.3155,
212.7920, 286.2695

■ 6.5165, 7.6312,
15.1443

237.8018,
258.5096, 343.3310

■ 3.2052, 3.8599,
8.7730

286.0417,

■ 1.2632, 1.5955,

310.3468, 407.5121

4.4986

340.4004,
368.6880, 479.2311

■ 0.1554, 0.3545,
1.9027

■ 0.0000, 0.0000,
0.4944

■ 56.3988, 62.5454,
93.1043

■ 56.3988, 62.5454,
93.1043

■ 49.2631, 55.3375,
92.0902

■ 64.6486, 70.5494,
94.2155

■ 43.1803, 48.8858,
91.1655

■ 74.0582, 79.3721,
95.4225

■ 38.0916, 43.1577,
90.3281

■ 84.6774, 89.0446,
96.7298

■ 33.9298, 38.1144,
89.5739

■ 92.0746, 97.2856,
97.9306

■ 30.6181, 33.7121,
88.8988

■ 93.0272, 99.1909,
98.2481

■ 28.0657, 29.9000,
88.2975

■ 26.1263, 26.5979,
87.7623

■ 26.0818, 26.5202,
87.7497

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.0836, 62.5454, 84.2258



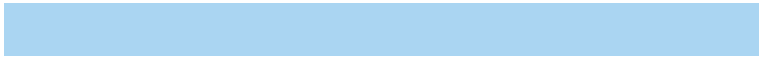
56.3988, 62.5454, 93.1043



60.6882, 62.5454, 94.8834

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.3988, 62.5454, 93.1043



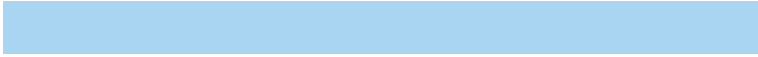
68.1823, 62.5454, 64.6333



54.3633, 62.5454, 50.8811

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.3988, 62.5454, 93.1043



64.2978, 62.6268, 46.7310

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.2239, 62.5454, 46.9024



56.3988, 62.5454, 93.1043



66.3008, 62.5454, 54.1784

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.3988, 62.5454, 93.1043



67.6347, 62.5454, 77.3783



62.6042, 62.5454, 48.0306



51.9493, 62.5454, 59.5971

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.3988, 62.5454, 93.1043



63.5482, 62.5454, 91.6195



62.6042, 62.5454, 48.0306



55.5272, 62.5454, 48.9973

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.4007, 62.5479, 93.1057



84.2268, 90.1479, 107.5688



58.6166, 76.1658, 65.5246



17.6761, 18.9703, 22.9800



0.0000, 0.0000, 0.0000



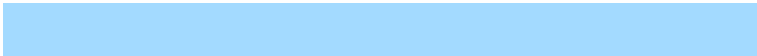
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.4007, 62.5479, 93.1057



58.2739, 65.1849, 104.1183



48.3677, 46.4817, 90.4281



15.6824, 16.7988, 20.1376



14.1487, 14.5216, 47.1851



1.2743, 1.4025, 3.9578

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.0045, 52.4324, 69.7534



67.0313, 52.5889, 72.9665



73.5259, 81.0829, 49.8070



16.1691, 15.9174, 18.4468



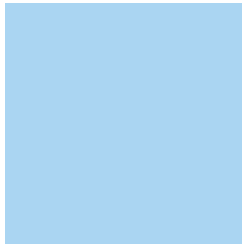
22.4672, 11.2593, 15.6429



1.9181, 0.9563, 1.5598

Previews

White Background



This preview shows how the XYZ color 56.3988, 62.5454, 93.1043 looks on a white background.

Color Contrast Check

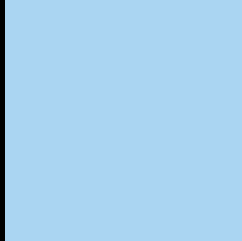
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.3988, 62.5454, 93.1043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

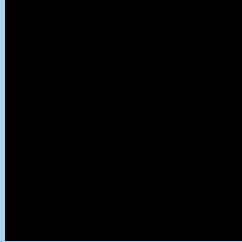
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3988, 62.5454, 93.1043

Background



This preview shows how black text looks on a background with the XYZ color 56.3988, 62.5454, 93.1043.



This preview shows how white text looks on a background with the XYZ color 56.3988, 62.5454,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.3988, 62.5454, 93.1043

Protanopia

61.2048, 62.1946, 88.8997

Deuteranopia

63.4621, 62.1826, 94.2456



Tritanopia

55.0144, 62.7519, 85.5567

Trichromacy



Original Color

56.3988, 62.5454, 93.1043

Protanomaly

59.3711, 62.2909, 90.5555

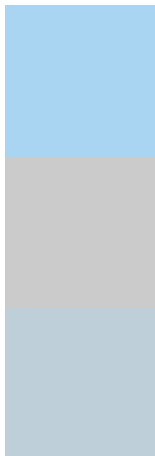
Deuteranomaly

60.4971, 62.0830, 93.5887

Tritanomaly

55.5491, 62.5843, 88.5091

Monochromacy



Original Color

56.3988, 62.5454, 93.1043

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3231, 60.7118, 74.3956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3988, 62.5454, 93.1043 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 213, 242)` looks like.

```
.text, #text, p{  
    color:rgb(170, 213, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 213, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 213, 242) }
```

Border

The CSS property to change the border of an element to XYZ 56.3988, 62.5454, 93.1043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 213, 242) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(170, 213, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(170, 213, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 213, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 213, 242);  
box-shadow:4px 4px 4px 4px rgb(170, 213,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3988, 62.5454, 93.1043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 213, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170,  
213, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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